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1967

STATE DOCUMENTS

TWELFTH ANNUAL REPORT

1967

INFANT

and

NEONATAL MORTALITY

and

STILLBIRTH RATES

by

PREPARED BY:

MONTANA STATE DEPARTMENT OF HEALTH

DIVISION OF CHILD HEALTH SERVICES

DIVISION OF RECORDS AND STATISTICS

- AND -

MONTANA MEDICAL ASSOCIATION

MATERNAL & CHILD WELFARE COMMITTEE

MONTANA HOSPITALS

HELENA, MONTANA

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## FOREWARD

TO: Hospital Administrators,  
Medical Staffs, and Nurses

This is the 1967 report of infant and fetal mortality rates of Montana hospitals. The figures in this report were taken from birth and death certificates reported to the State Department of Health, Division of Records and Statistics.

In 1967 there were 11,974 births in Montana by place of occurrence. There were 202 neonatal deaths, with a rate of 16.9 per 1,000 live births. There were 146 stillbirths, with a rate of 12.2 per 1,000 live births. Perinatal deaths numbered 348, with a rate of 29.1 per 1,000 live births.

This report allows each hospital to see where it stands in relation to other Montana hospitals, and it may indicate a need for evaluation of services to insure improvement in the future.

Division of Child Health Services  
of the Montana State Department of Health

and

Maternal and Child Welfare Committee  
of the Montana Medical Association

175  
DCHS - MSDH  
6/25/68

Chart #1  
GENERAL HOSPITALS  
(100 beds or more)

Montana - 1967

Infant and Fetal Mortalities

Total Live Births 1967	Total Live Births 1966	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	o/o	Infant	1-12 months	Neo- natal	Still- births	Peri- natal	Infant	1-12 months	Neo- natal	Still- births	Peri- natal
5,110	5,422	413	8.1	101	18	83	71	154	19.8	3.5	16.2	13.9	30.1
854	931	89	10.4	20	5	15	14	29	23.4	5.9	17.6	16.4	34.0
754	721	57	7.6	14	1	13	10	23	18.6	1.3	17.2	13.3	30.5
736	778	51	6.9	16	1	15	7	22	21.7	1.4	20.4	9.5	29.9
733	791	46	6.3	15	3	12	6	18	20.5	4.1	16.4	8.2	24.6
579	631	54	9.3	16	5	11	5	16	27.6	8.6	19.0	8.6	27.6
554	608	55	9.9	7	2	5	14	19	12.6	3.6	9.0	25.3	34.3
465	462	23	4.9	7	1	6	5	11	15.1	2.2	12.9	10.8	23.7
265	306	21	7.9	1	0	1	3	4	3.8	0.0	3.8	11.3	15.1
170	194	17	10.0	5	0	5	7	12	29.4	0.0	29.4	41.2	70.6

Chart #2  
INTERMEDIATE GENERAL HOSPITALS  
(40 - 99 beds)

Montana - 1967

Infant and Fetal Mortalities

Total Live Births 1967	Total Live Births 1966	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	o/o	Infant	1-12 months	Neo- natal	Still- births	Peri- natal	Infant	1-12 months	Neo- natal	Still- births	Peri- natal
3,189	3,221	208	6.5	60	6	54	32	86	18.8	1.9	16.9	10.0	27.0
496	489	35	7.1	5	0	5	5	10	10.1	0.0	10.1	10.1	20.2
414	437	29	7.0	9	2	7	4	11	21.7	4.8	16.9	9.7	26.6
242	225	9	3.7	3	0	3	1	4	12.4	0.0	12.4	4.1	16.5
219	213	16	7.3	6	0	6	1	7	27.4	0.0	27.4	4.6	32.0
218	201	14	6.4	5	1	4	1	5	22.9	4.6	18.3	4.6	22.9
204	226	12	5.9	6	0	6	5	11	29.4	0.0	29.4	24.5	53.9
202	194	5	2.5	1	1	0	3	3	5.0	5.0	0.0	14.9	14.9

Chart #2  
INTERMEDIATE GENERAL HOSPITALS  
(40 - 99 beds)

Montana - 1967 (continued)

Infant and Fetal Mortalities

Total Live Births 1967	Total Live Births 1966	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	o/o	Infant	1-12 months	Neo= natal	Still= births	Peri= natal	Infant	1-12 months	Neo= natal	Still= births	Peri= natal
175	192	16	9.1	4	0	4	2	6	22.9	0.0	22.9	11.4	34.3
168	199	11	6.5	3	0	3	2	5	17.9	0.0	17.9	11.9	29.8
167	164	13	7.8	0	0	0	2	2	0.0	0.0	0.0	12.0	12.0
166	167	10	6.0	2	0	2	0	2	12.0	0.0	12.0	0.0	12.0
142	100	7	4.9	5	1	4	1	5	35.2	7.0	28.2	7.0	35.2
135	180	10	7.4	2	0	2	0	2	14.8	0.0	14.8	0.0	14.8
130	112	10	7.7	5	1	4	4	8	38.5	7.7	30.8	30.8	61.5
111	122	11	9.9	4	0	4	1	5	36.0	0.0	36.0	9.0	45.0

Chart #3  
SMALL GENERAL HOSPITALS  
(10 - 39 beds)

Montana - 1967

Infant and Fetal Mortalities

Total Live Births 1967	Total Live Births 1966	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	o/o	Infant	1-12 months	Neo- natal	Still- births	Peri- natal	Infant	1-12 months	Neo- natal	Still- births	Peri- natal
3,488	3,669	244	7.0	71	12	59	37	96	20.4	3.4	16.9	10.6	27.5
552	552	45	8.2	8	0	8	4	12	14.5	0.0	14.5	7.2	21.7
455	399	36	7.9	10	1	9	4	13	22.0	2.2	19.8	8.8	28.6
240	235	10	4.2	4	2	2	0	2	16.7	8.3	8.3	0.0	8.3
230	224	17	7.4	4	0	4	4	8	17.4	0.0	17.4	17.4	34.8
203	299	14	6.9	6	2	4	1	5	29.6	9.9	19.7	4.9	24.6
162	159	8	4.9	4	3	1	1	2	24.7	18.5	6.2	6.2	12.3
162	144	9	5.6	2	0	2	4	6	12.3	0.0	12.3	24.7	37.0
130	150	11	8.5	5	0	5	5	10	38.5	0.0	38.5	38.5	76.9
99	108	7	7.1	1	0	1	2	3	10.1	0.0	10.1	20.2	30.3

Chart #3  
SMALL GENERAL HOSPITALS  
(10 - 39 beds)

Montana - 1967 (continued)

Infant and Fetal Mortalities

Total Live Births 1967	Total Live Births 1966	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	o/o	Infant	1-12 months	Neo- natal	Still- births	Peri- natal	Infant	1-12 months	Neo- natal	Still- births	Peri- natal
89	109	6	6.7	2	1	1	0	1	22.5	11.2	11.2	0.0	11.2
88	93	6	6.8	1	0	1	2	3	11.4	0.0	11.4	22.7	34.1
85	97	7	8.2	2	0	2	0	2	23.5	0.0	23.5	0.0	23.5
80	82	9	11.2	1	1	0	4	4	12.5	12.5	0.0	50.0	50.0
63	75	6	9.5	5	0	5	1	6	79.4	0.0	79.4	15.9	95.2
59	58	3	5.1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
58	58	2	3.4	1	0	1	1	2	17.2	0.0	17.2	17.2	34.5
57	66	2	3.5	0	0	0	1	1	0.0	0.0	0.0	17.5	17.5
56	59	3	5.4	1	0	1	0	1	17.9	0.0	17.9	0.0	17.9
53	63	1	1.9	1	0	1	1	2	18.9	0.0	18.9	18.9	37.7



Chart #3  
SMALL GENERAL HOSPITALS  
(10 - 39 beds)

Montana - 1967 (continued)

Infant and Fetal Mortalities

Total Live Births 1967	Total Live Births 1966	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	o/o	Infant	1-12 months	Neo- natal	Still- births	Peri- natal	Infant	1-12 months	Neo- natal	Still- births	Peri- natal
52	52	3	5.8	0	0	0	1	1	0.0	0.0	0.0	19.2	19.2
52	61	6	11.5	1	0	1	0	1	19.2	0.0	19.2	0.0	19.2
51	50	3	5.9	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
44	45	1	2.3	1	0	1	0	1	22.7	0.0	22.7	0.0	22.7
40	47	4	10.0	1	0	1	0	1	25.0	0.0	25.0	0.0	25.0
38	42	5	13.2	2	0	2	0	2	52.6	0.0	52.6	0.0	52.6
35	28	2	5.7	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
35	40	1	2.9	1	0	1	0	1	28.6	0.0	28.6	0.0	28.6
34	31	1	2.9	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0

Chart #3  
SMALL GENERAL HOSPITALS  
(14 beds as of 9-11-67)

Montana - 1967 (continued)

Infant and Fetal Mortalities

Total Live Births 1967	Total Live Births 1966	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	o/o	Infant	1-12 months	Neo- natal	Still- births	Peri- natal	Infant	1-12 months	Neo- natal	Still- births	Peri- natal
29	47	1	3.4	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
26	35	5	19.2	1	0	1	1	2	38.5	0.0	38.5	38.5	76.0
26	22	2	7.7	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
24	19	2	8.3	2	1	1	0	1	83.3	41.7	41.7	0.0	41.7
21	35	3	14.3	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
19	29	1	5.3	3	1	2	0	2	157.9	52.6	105.3	0.0	105.3
18	20	0	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
12	22	1	8.3	1	0	1	0	1	83.3	0.0	83.3	0.0	83.3
11	14	1	9.1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0

Chart #4  
COMMUNITY FACILITY  
(Under 10 beds)

Montana - 1967

Infant and Fetal Mortalities

Total Live Births 1967	Total Live Births 1966	Prematures	Number of Deaths					Rate Per 1,000 Live Births					
		No.	%	Infant	1-12 months	Neo- natal	Still- births	Peri- natal	Infant	1-12 months	Neo- natal	Still- births	Peri- natal
101	84	2	7.9	0	0	0	2	2	0.0	0.0	0.0	19.8	19.8
19	21	1	14.8	0	0	0	1	0	0.0	0.0	0.0	0.0	0.0
10	12	1	16.4	0	0	0	1	0	0.0	0.0	0.0	0.0	0.0
21	11	1	10.0	0	0	0	1	1	0.0	0.0	0.0	100.0	100.0
7	12	1	5.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
1	1	1	100.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0





